

JAKOUSTIC® COMMERCIAL AND HIGHWAY



Jakoustic® Commercial and Highway Reflective

The Jakoustic® Commercial & Highway barrier system has been designed for commercial and highway applications, providing the same level of noise reduction as the original Jakoustic® barriers, available in both reflective and absorptive variants.

Jakoustic® interlocking 'V' boards are affixed to galvanised steel I-beam posts for additional strength and rigidity, meeting not only stringent standards BS EN 1794-1 and 2, but also ideally suited for application in exposed locations subject to high wind loading. The system is available with matching capping and counter rails to further enhance its appearance. The complete acoustic barrier system can be UKCA* marked as compliant with the requirements of BS EN 14388:2005 relating to road traffic noise reducing devices.

The timber used in its construction can be treated in compliance with the National Highway Sector Scheme 4 standard.

- Can be UKCA marked as compliant with the requirements of EN 14388:2005 relating to traffic noise reducing devices
- Approximate Superficial Mass 25kg/m²
- Up to 32dB** noise reduction
- Overlength galvanised steel I-beam posts for setting in concrete as standard
- 34mm x 143mm x 4.8m (nominal) board with unique deep interlocking "V" tongue and groove joint (123mm cover width)
- Capping rail 34mm x 145mm x 4.8m (planed)
- Counter rail size 34mm x 70mm x 2.4m (planed)
- Can accommodate changes in level or profile
- Can be treated in compliance with National Highway Sector Scheme 4
- Anti climb and scale design
- Matching pedestrian, swing and tracked sliding gates
- Heights from 1.8m - 12m available as standard
- 25 year guarantee using Jakcure® vacuum pressure treated timber

*UKCA marking replaces CE marking for products for the UK market



Jakoustic® Reflective



Jakoustic® Absorptive

****Jakoustic® Commercial and Highway barrier certified laboratory results:**

Reflective:

Rating According to BS EN 1793-2:1998 (Category = B3)
 Jakoustic® Highways Reflective Laboratory Sound Reduction 28dB
 Superficial Mass 25 Kg/m²
 BS EN 1794-1:2003, Annex A,B,C & E
 Designed in Accordance with BS EN 1794-2:2003 (Detailed compliance statements available)

Absorptive:

Rating According to BS EN 1793-1:1998 (Category = A3)
 Jakoustic® Highways Absorptive Laboratory Sound Absorption 9dB
 Rating According to BS EN 1793-2:1998 (Category = B3)
 Jakoustic® Highways Absorptive Laboratory Sound Reduction 32dB
 Superficial Mass 28 Kg/m²
 BS EN 1794-1:2003, Annex A,B,C & E
 Designed in Accordance with BS EN 1794-2:2003 (Detailed compliance statements available)

Please note: Some highway applications need specific approvals, please discuss your requirements with an acoustic sales advisor

APPLICATIONS

- ✓ Industrial
- ✓ Highway (see note)
- ✓ Railways
- ✓ Sports venues
- ✓ Commercial properties

POST OPTIONS

- Overlength steel I beam posts as standard
- Base plated steel I beam posts to bolt down to concrete base foundations

GATES

Matching gates available

FINISHES

- Jakcure® treated timber as standard
- Posts hot dipped galvanised to BS EN ISO 1461 as standard